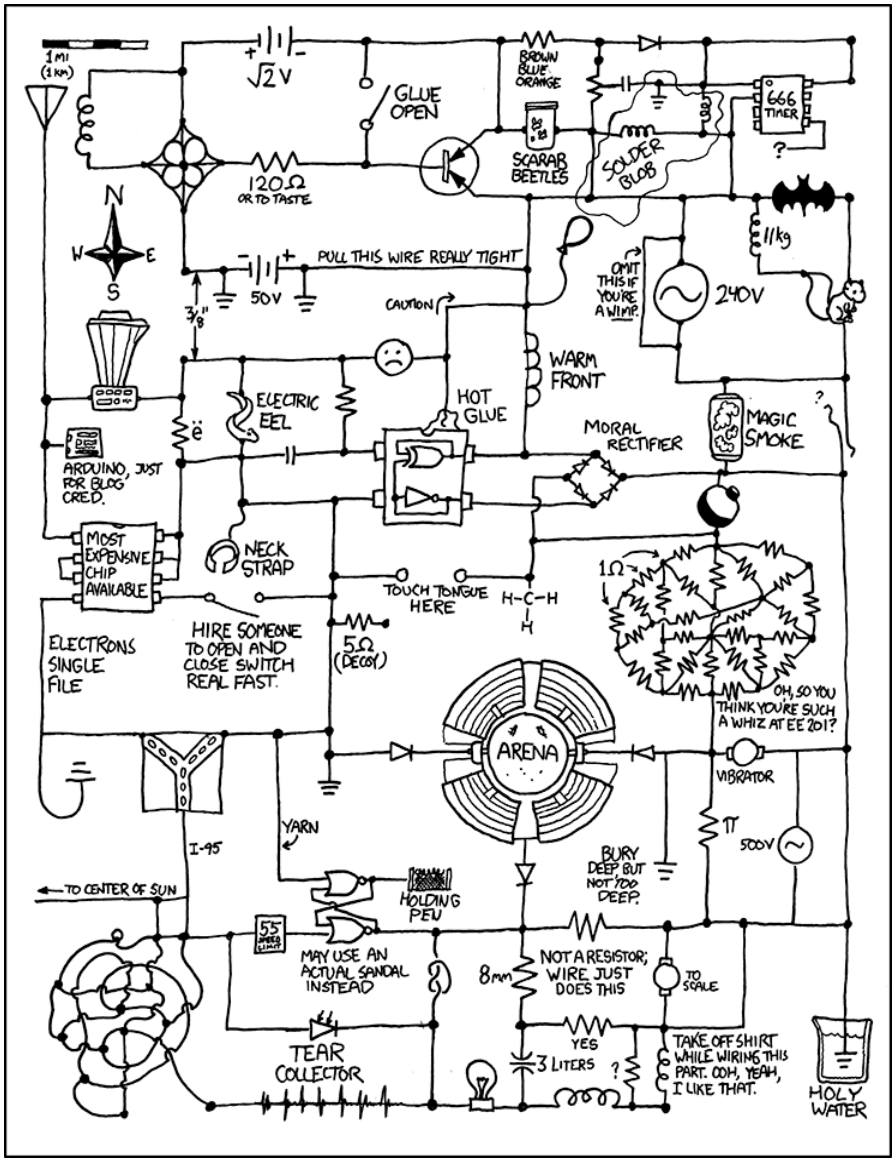
The Logger's Bark

RADIO CLUB of TACOMA

APRIL 2021 VOLUME 18, ISSUE 04 ©Radio Club of Tacoma W7DK

FROM THE EDITOR!

Having a bit of a problem with my recent ham radio receiver! Can any of you look at the diagram and tell me what's wrong? Right now, it just sits there and hums!



Page 1: Editors report.

Page 2: BOD Meeting minutes.

Page 5: General meeting minutes.

Page 10: PMT sales list.

Page 14: Field Day!

Radio Club of Tacoma

Board of Directors Meeting Agenda

April 7, 2021

ZOOM Meeting

Meeting called to order by the President Mike W7XTZ at 19:01 local.

Officers and Directors Present

President Mike Mikuchonis W7XTZ

Vice President Adam Barbera W2NCC

Secretary Mike Drorbaugh W7MKE

Treasurer Steve Dightman AF7YD

Board Bruce Hanson WE7P

Board Verna Lilly KF7SCB

Board Red Cranefield WB7EC

Board Phil Pia K7PIA

Quorum? A Quorum was present and 13 people attended all or part of the meeting. The attendance roster is attached.

Silent Key or Illness?

Olav A Osterhus W7OAO a member of the club since 2015 recently became a silent key.

Approval of Minutes of 3-03-2021 RCT BOD Meeting. Without objections, Mike W7XTZ declared the minutes approved as circulated.

Secretary's Report (W7MKE)

The usual stuff came in, bills, magazines and some membership renewals and new applications. In addition, as reported at the March Monthly Meeting I filed the IRS 990-N for 2020 having missed filing for 2019. There is no penalty for missing a filing but if you miss 3 years in a row, IRS can cancel your non-profit status.

I also filed for 2020 Washington State's requirements for Corporations and Charites.

I also filed with ARRL, updating our application as a "Special Service Club." We will receive an updated certificate in the near future.

Finally, as a follow up to last month's concerns about the message on the club's telephone, I updated the message to indicate the club was not currently open as usual on Saturday's so the phone isn't monitored regularly, please send us an email. You can hear the current message by calling the club phone at: 253-759-2040.

Treasurer's Report (AF7YD)

Thru March 30th we've received $XXXX in dues, donations and sales. Core expenses to date are $XXXX and on operations we've spent another $XXX, so we've spent $XXXX more than income. Our total assets as of March 30th are $XX,XXX.

There followed a discussion about having the Treasurer submit a basic report in writing each month now that he has the ability to easily do so. There was some discussion about how much detail was needed in those reports which was decided that a basic Profit and Loss report was needed.

Committee / Reports

Membership (KJ7GGB)

No report

Library (AD7AV)

No report but Randy WB4SPB mentioned that library committee has been discussing "fair use" of e-books. There was some discussion which seemed to clarify that more research was needed on this issue and the Library committee was going to continue considering this.

Training (AD7AB)

No report

VE Report (AC7WW)

Fourteen candidates were served at two sessions at the clubhouse parking lot on Tuesday March 9th, 2021. Eighteen exams were graded with ten Technicians joining the Amateur Service. Four Technicians upgraded to General.

Thanks to the following for their service and time. Jan K7HTU, Rich KK7VH, Stephen AD7AB

The next scheduled test session is Tuesday, April 13th, 2021.

Info Tech and Website (WB4SPB)

All systems nominal

HF Operations (K7PIA)

All HF stations ae working. For contesting see www.contestcalendar.com. Several state QSO parties are upcoming.

Repeater Ops (N7OMS)

Mike W7XTZ reported that there was a repeater committee meeting Last Saturday. Adam W2NCC mentioned that Al N7OMS and Stephen AD7AB connected the ARCOM controller using a specialized cable the purpose is to accesses and learn the software on how to program the controller.

Facilities Mgmt (W2NCC)

We have upgraded the lighting in the clubhouse first floor. Rich KR7W, Al N7OMS and Adam W2NCC updated the lighting to new LED lighting which cost about $280 for the new bulbs that Adam purchased. **A motion** was made by Bruce WE7P to reimburse Adam for cost of the lights. Verna- KF7SCB seconded the motion. After minimal discussion, **Motion Passed**.

Adam mentioned that someone dropped off some cleaning solution for a pressure washer and Adam will solicit volunteers to clean the club siding.

Mike W7XTZ mentioned that he and Rich KR7W changed the batteries in the club's door locks and they seem to work fine now. Bruce WE7P mentioned that the door must be fully closed before the lock button is engaged or the lock gets "confused" and programing needs to be reset.

Property Mgmt (WB7EC)

The club took in $90 last month and new submissions have come in. PMT **submitted a motion** with a list of 12 items to dispose of, list attached. Bruce WE7P **seconded the motion** to dispose of the listed equipment. No discussion was offered and the motion passed. Property management can dispose of the listed items.

PMT still has for sale a KX3 new in box for $900. It has been checked out and it works as it should.

Museum (KR7W)

No report

Weds Workshop (WB4SPB

Last workshop was very well received and no topic has been determined for next workshop. General Meeting Program (KF7SCB)

Will be about Field Day 2021, Field Day at Home.

Unfinished Business

Ad Hoc Committee's Report of the first meeting is attached. Future meetings will focus on finding some solutions to identified issues. The next meeting will be Friday 4/9/21 at 19:00 via Zoom.

New Business

Does Facilities Management need authorization to spend money on clubhouse maintenance without BOD approval?

It was thought the bylaws indicated $200 could be spent without BOD approval and Facilities Management Chairperson felt this was adequate to the needs. (Secretary note: I found no spending limits in the bylaws except the requirement for "extraordinary expenditures" of more than $2000). So as per BOD consensus Facilities may spend $200 without prior approval of BOD.

Is the clubhouse "officially" open?

WA State Covid Guidelines are in phase III which dictate indoor gatherings of up to 10 people with masks and 50 people outdoors is the limit. After considerable discussion it was determined that the club cannot be opened at this time and Randy WB4SPB will draft a memo to that effect which will then be published via NETs and email.

Randy WB4SPB asked the BOD to solicit professional advice on how we can raise money legally as there is concern that *regular sales* of donated equipment may be in conflict with our nonprofit status.

After discussion, Steve AF7YD said he'd contact Doug Schafer AB7DG and Ken Gibson N7ELF to see if they can offer professional advice on this issue or know who can.

Activity Reports and Discussion Topics

Steve AF7YD reported that the Anderson Is ARES group are using the 145.21 repeater and appear to have about 15 members.

Announcements

Com Academy (online) April 10-11th. Free online registration

Adjournment at: Mike W7XTZ declared the meeting closed at 20:38

Mike Drorbaugh W7MKE

RCT Secretary

Radio Club of Tacoma

General Meeting Minutes April 10,

2021 ZOOM MEETING

Officers and Directors Present

President Mike Mikuchonis W7XTZ

Vice President Adam Barbera W2NCC

Secretary Mike Drorbaugh W7MKE

Treasurer Steve Dightman AF7YD

Board Verna Lilly KF7SCB

Board Phil Pia K7PIA

Board Red Cranefield WB7EC

The meeting was called to order at: 13:30 by the President, Mike W7XTZ

Quorum?

A quorum of the membership was not present. A majority of officers were present and a total of 17 people attended all or part of the meeting. The attendance list is attached.

Health and Welfare/Silent Key & Illness

Olav A Osterhus W7OAO a member of the club since 2015 recently became a silent key. A couple of members re-counted small remembrances of Olav.

Secretary's Report

Annual filings were made of the IRS 990N, the WA State nonprofit filing and the ARRL Special Service Club update. Along with that, normal stuff is coming in, bills, magazines and some membership updates.

Treasurer's Report

Balance sheets for the last 4-years were offered to the BOD. Last year 2020 both income and expenses were way down. So far this year all bills are paid including insurance and taxes, operating expenses continue to be down but core expenses remain about the same; so results are that expenses exceed income by about $XXXX right now, about normal for this time of year. Total assets in bank accounts are about $XX,XXX.

In keeping with bylaw requirements, Radio Club Members may ask for a more detailed explanation of assets, expenses and income for 2020 by contacting the club treasurer.

Committee / Activity Reports

Membership (KJ7GGB)

George K7GRS reported that membership stands at 250 with two new members since last month.

Report of Ad Hoc Committee on Membership issues

Randy WB4SPB reported for the committee. The committee convened to find a better way to accomplish many tasks that were previously done mostly by one person. It was thought best to break those many tasks into 4 areas that would require a volunteer to lead each task, with training and guidance offered to those leads.

1) Membership promotion would handle membership renewals and associated promotions.

2) Salmon Run fund raiser lead.
3) Ballot distribution lead to arrange for the November Ballots for club elections.
4) Stationery printing lead to help with printing for the previous tasks.

Please consider volunteering for one of these task leads.

Training (AD7AB)

Phil K7PIAreported that Mike & Key club has had virtual training for all classes.

VE Report (AC7WW)

Phil K7PIA reported that the next VE session at the club's parking lot is scheduled for 4-13-2021.

HF Operations (K7PIA)

Phil K7PIA reported that he looked at the HF stations last Saturday and all seem to be working OK. Contesting: tomorrow is Rookie Roundup. Several state QSO parties are ongoing. On May 1-2 there is the 7th area QSO which Phil plans to operate from the club. Contact Phil if you want to do 7th Area QSO from W7DK. See www.contestcalendar.com for radio sport!

Repeater Operations (N7OMS)

Randy WB4SPB reported that Stephen AD7AB, Rich KR7W and Al N7OMS have made progress on getting the correct software and connecting cable for programming the ARCOM repeater.

IT Report (WB4SPB)

Randy WB4SPB reports all systems nominal. Please report any incorrect information or dead links on the website to him.

Museum (KR7W)

No report

Property Management (WB7EC)

Red WB7EC reports that we have new equipment for sale including a new Vibroplex bug, an Astron power supply and a KX3 new in the box. Check the BARK or contact Red for listings. Last month the club took in $90 in donations. We have some new equipment donations coming in and hopefully we will have three tables at next year's M&K show. Please contact Red if you have interest in anything you might want to look at.

Facilities Management (W2NCC)

Adam W2NCC reported that the new LED lights have been installed in the downstairs fixtures. Thanks to Rich KR7W and Al N7OMS who took the lead and Adam assisted in the install. The new lights are much more energy efficient and are brighter. A question came up about is there any new RF noise? Research suggested that there would not be increased in RF due to the new lights.

4th Wed. Night Activity (WB4SPB

Randy WB4SPB reported that no topic has as yet been chosen for this month. Radio Club of Tacoma General Meeting Minutes April 10, 2021 ZOOM MEETING

Bark Editor (WG7X)

The March edition is now published and available on the W7DK website. BARK editor is always looking for new content.

Unfinished Business

None offered.

New Business

None offered

Program (KF7SCB)

2021 Field Day at home.

Verna KF7SCB showed the embroidery patches from last year and the new one for 2021. The patches are free to those club members who participate in FD at home. If you wish to donate to the club for a patch, a donation of $5 is suggested.

Again, as last year, submit your log for FD to ARRL and identify yourself as a W7DK member to be included in the W7DK totals.

Some of the classes were discussed:

Class A: Club and non-club group of 3 or more set up portable

Class B: One or two person portable

Class C: Stations in vehicles capable of operating in motion

Class D: Home stations on commercial power. This year Class D can get credit for contacts with other Class D stations. Power limits on class D are 150W PEP.

Class E: Home stations using emergency power and limited to 150W PEP

Bonus points are awarded for many things including 100% emergency power, Message to section manager, and many, many more.

What worked or did not work last year?

Having a ZOOM call open seemed to be a good idea.

We could have more participation on message traffic for those bonus points possibly using the 2M repeater for originating of the emergency message. Possibly we can set up a practice session for message handling.

Can we reach out to more club members to get them to participate?

Possibly we can get a member to assist in satellite contacts?

Is a post FD ZOOM meeting possible to help with log submissions? We had one last year.

Show and Tell

Walt WA7SDY showed his NANO VNA a Vector Network Analyzer. It can help analyze antennas, baluns, toroid's, etc., among other things, all for under $100. A good place to get an authentic NanoVNA is R and L at www. randl.com. Search their site for NanoVNA and TinySA. There are several versions of the NanoVNA. The one I have is the H4. There is an H version with 2.8" Screen. Also there are a few other versions with various different connectors, etc.

Tuning and Traffic

Nothing offered

Announcements

1. CLUB NOT OPEN YET The club's officers and directors have regretfully determined that the pandemic has not yet abated sufficiently to allow Saturday gatherings at the clubhouse. We're all eager to socialize, but we'll have to wait a while longer. Thanks for your patience.

2. Amateur Radio/MARS Interoperability Nets

MARS has been directed with an on-going order to conduct weekly interoperability nets with Amateur Radio Operators. Details follow:

Army MARS Regions shall, as a matter of ongoing, normal network operations, lead regularly scheduled network activity on 60 meter "Channel One", 5330.5 Khz, the first Wednesday, Thursday, Friday, and Saturday of each month beginning 7 April 2021.

a. On Thursday, Friday and Saturday these nets will occur at 1200 HRS (Noon) Pacific Local Time for local operations.
b. On Wednesday, Thursday, Friday and Saturday the nets will also occur at 2000 HRS Pacific Local Time for intermediate to long distance operations. 60 meter Channel One nets will include test message traffic in voice and data modes.

The purpose for these nets is to achieve a high level of readiness and competency throughout MARS and cooperating Amateur Radio operators, to integrate tasks and operations that support these interoperability requirements into routine, ongoing ARMY MARS operations.

All Licensed amateur operators are invited to participate and check into these nets. We are looking forward to your par-

ticipation.

John A Sherrill N7TES RCT 2733

U.S. Army Military Auxiliary Radio System

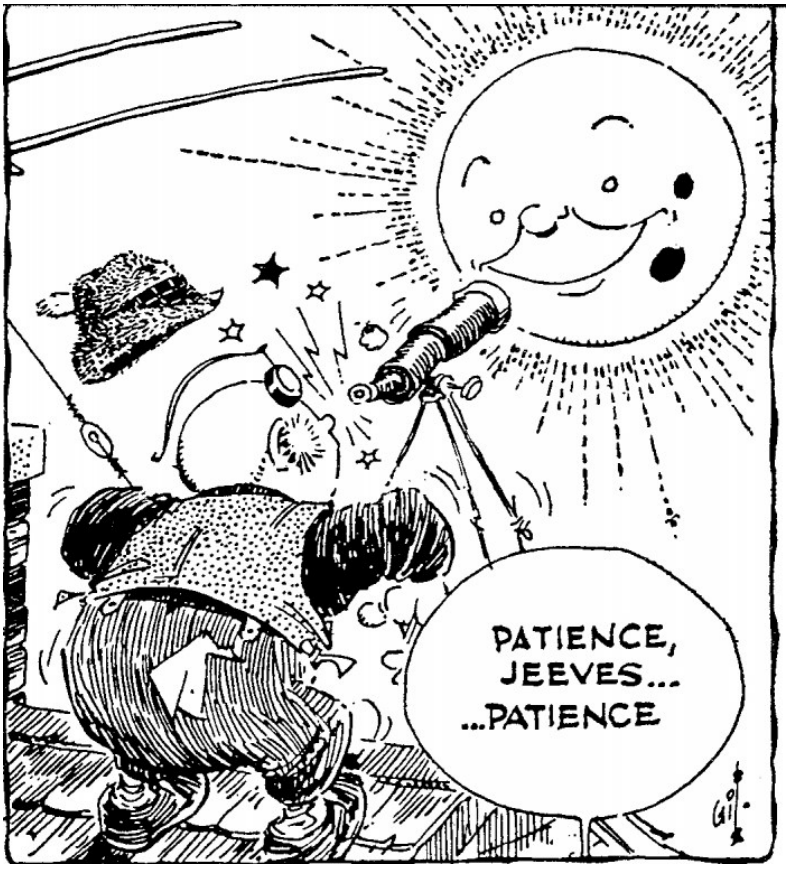
Washington State MARS Director Radio Club of Tacoma General Meeting Minutes April 10, 2021 ZOOM MEETING

3. NEW WWA ASSISTANT SECTION MANAGER I am very pleased to announce we have a new Assistant Section Manager to help the section attract visually impaired people who want to become hams or to help us to find ways to make visually impaired more welcome in the hobby and the ARRL. I'd like to introduce you to Gerald Gaule, KE7GGV. If you know a visually impaired potential ham or a person who is a ham already but needs help and encouragement you are requested to reach out to Gerald. If you are an club leader or ARES team leader and looking for help in mentoring those that are visually impaired please contact Gerald and he'll do his very best to assist you in making that person feel welcome and to a valued member of your team. KE7GGV is an Extra class amateur radio operator who is committed to working with and helping the visually impaired. Here is some of his bio that I borrowed from the Clark County Amateur Radio Club's Rocking Chair Copy: Gerald, KE7GGV can be reached at 360-521-0498 or by email ccasiradio@gmail.com He is eager to serve the amateur radio community and the ARRL so please feel free to reach out to Gerald if you have questions or need assistance in being a mentor. ----------
ARRL Western Washington Section Section Manager: Monte L Simpson, W7FF w7ff@arrl.org

Adjournment at 15:05 local.

Michael Drorbaugh W7MKE

RCT Secretary



APRIL RCT SURPLUS

VIRUS DONATION 2021

Contact RED WB7EC at E-MAIL(bruce-ec@hotmail.com) to reserve/make offer on any item

NEW ITEMS IN RED

DONATION

25. Kenwood XTAL Filter YG-455C-1 $50.00

41. Suitcase with Tektronix scope camera $50.00

84. Comet Triplexer CFX-514 $40.00

19. Elecraft HF XCVR K1 TWO bands 15/40 /AT $ 300.00

125. Kenwood TR-9000 2MTR XCVR $ 100.00

127. Mirage 2 meter mobile amp B-1016G $ 150.00

138. Kenwood HF RX R-599D SN: 530265 UNDER REPAIR

147. DX Engineering Remote Coax Control Switch CC-8 $ 400.00

148. DX Engineering Coax Switch RR8-HP P/O #147

149. Kenwood HF XCVR TS-930S SN: 2120327 $ 600.00

150. Kenwood Speaker SP 930 P/O #149

151. Kenwood MIC MC-60 P/O #149

156. MFJ Active Antenna MFJ-1020C $60.00

157. MFJ Dual Speech Enhancer MFJ-618 $150.00

166. Mirage VHF 6 MTR AMP a-1015G $ 200.00

167. Vectronics Antenna Tuner mod HFT 1500 $ 300.00

174. CDE Rotor Control H-IV/CD-45-II $ 50.00

180. Rig Blaster plug & play Digital mode interface $. 30.00

181. Emerson speaker $. 5.00

182. Archer rotor control PN: 15-1220 $. 5.00

183. Wilson WR50U rotor control $ 7.00

184. ICOM IC-H19s2 VHF hand held/ BM-70 charger $ 7.00

185. two Amateur TV stations in portable boxes $ 500.00 for both/300.00 each

186A. Sony DCR-HC 42 camera case $ 50.00

186B. Sony DCR-HC 42 camera case $ 50.00 186A/B $ 75.00

189. Motorola MFR M12 L box $ 5.00

190. Motorola MSRS 12 Regulator box $ 5.00

191. F2A85-V motherboard $ 3.00

194. Zenith old Radio not complete $ 20.00

195. Zenith old radio complete $ 30.00

198. Philco old radio $ 10.00

200. Home made test set $ 10.00

201. Patrolman Pro 2 receiver $ 5.00

202. Aldenmarine Fax IV $ 30.00

205. COMP USA 250 watt ATX power supply $ 10.00

206. COMP USA 250 watt ATX power supply $ 10.00

212. Lafayette Speaker model 99-2571 $ 30.00

215. Blue box with 4 headsets $ 20.00

223. Kenwood 2/220 mobile XCVR TM-621A,no mic/pwr cable $ 50.00

226. B & W Antenna Tuner VS300A $ 90.00

227. Elecraft HF XCVR KX3 # 10797,NEW in BOX/extra parts $ 900.00

229. MFJ Artificial GND MFJ-931 $ 90.00

230 MFJ Noise Cancelling Signal Enhancer MFJ-1026 $ 150.00

231. MFJ Dual Channel Speech Enhancer MFJ-618 $ 180.00

232. Murch Transmatch/Antenna Tuner UT-2000A 3.5-30MHZ $ 100.00

234. MFJ RF Preselector II MFJ-1040 $ 40.00

235. MFJ Active Antenna MFJ-1020A $ 40.00

236. Heathkit Antenna Noise Bridge HD-1422A $ 20.00

237. Heathkit Speaker SB-600 $ 100.00

238. MFJ Morse Key Board Keyer MFJ-452/HP Keyboard $ 100.00 239. Drake HF Receiver R-4C (early model) SN: 16553 $350.00 for SET 240 & 241

240. Drake HF Transmitter T-4X SN: 13105B $ P/O 239

241. Drake Speaker/PS MS-4 $ P/O 239

242. ICOM VHF XCVR IC-211/no mic $ 200.00

243. Alinco VHF Handheld XCVR DJ-196T $ 45.00

244. Vertex VHF Handheld XCVR VX-150 $ 45.00

245. Heathkit HF Receiver SB-301 $ 150.00

246. Heathkit Speaker SB-600 $ 100.00

249. Kenwood Power Supply KPS-12 $ 50.00

251. Vista Inverter 12VDC to 115VAC $ 15.00

252. Icom HF XCVR IC-720A $ 350.00

253. Icom Power Supply IC-PS15 $ P/O 252

254. Icom Microphone IC-SM5 $ P/O 252

255. NYE Viking Keyer SSK-1-K $ 35.00

261. Heathkit HW-12 single band SSB $ 100.00

262. Atlas HF XCVR Atlas-210x/ps-200-ps/DD-6/Spkr/HS $ 100.00

263. Astron Power Supply RS-20M $ 40.00

264. Azden 6 mtr mobile PCS-7500A in box $ 50.00

265. Kenwood 2 mtr TM-2550A in box/assy $ 50.00

266. ICOM 2 mtr hand held IC-T81A/wall wart $ 20.00

267. Coments Duplexer CF-530 $ 40.00

268. Vibroplex keyer/bud/case (1944) SN: 127152 $ 125.0

AS OF 21 APR 2021

PCS-7500H
SQL
MA 0
A/B
VOL
M MODE
PROG[WR]
KHz MHz
POWER
F
FM TRANSCEIVER
AZDEN
SCAN H/L
PRI SHIFT
T.M [WR]
REV TONE
#264 $50.00

#263 $ 400
ASTRON CORPORATION
AMPS
VOLTS
ON
OFF
ASTRON RS-20M

It's time to start gearing up for Field Day 2021. For most of us, it'll be Field Day at Home again. This year, the ARRL has made an additional accommodation. Class D stations (operating from Home) can get credit for contacts with other Class D stations. Power is limited to 150W PEP. Class E stations (emergency power) are also limited to 150W PEP.

We are following up on recommendations from club members, such as, promoting satellite contacts and more message origination/handling.

Stay tuned for more updates and keep those suggestions coming!

The Club LINEUP

Club Officers

President: Mike Mikuchonis –W7XTZ w7xtz©w7dk.org

Vice Pres: Adam Barbera, W2NCC - w2ncc©w7dk.org

Secretary: Mike Drorbaugh W7MKE - w7mke@w7dk.org

Treasurer: Steve Dightman, AF7YD - af7yd©w7dk.org

5 Board Members

Bruce Hanson, WE7P - we7p©w7dk.org

Paul Matney, W7PFU - w7pfu©w7dk.org

Verna Lilly KF7SBC- KF7SCB©w7dk.org

Red Cranefield, WB7EC - wb7ec©w7dk.org

Phil Pia, K7PIA - k7pia©w7dk.org

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Membership Info: FULL (licensed) and ASSOCIATE (non licensed) membership is $35 per calendar year or $30 for Licensed Seniors (65 and over). Licensed family members at same address pay $20 each for the first two and are free for the third, fourth, and so on. Full-time students, licensed or non licensed, up to age 25 are $20 per year. Note: fees are applicable for the calendar year: Jan to Dec. Lifetime membership is 20 times the yearly fee you are eligible for. Lifetime memberships are calculated based on the FULL and ASSOCIATE rates.

www.w7dk.org [LINK] - For the latest and most current information on events and activities, visit the Radio Club of Tacoma Website.

Radio Club Repeaters

Central Tacoma: 147.280 + PL=103.5

Crawford Mountain 147.380 + PL=103.5 (E of Olympia © 1500 ft ASL)

Central Tacoma: 440.625 + PL=103.5

North Tacoma: 145.21 – PL=141.3